

California
Urban Water
Conservation
Council

ITP - San Diego August 24-25, 2015

## STATE AGENCIES = LANDSCAPE MODELS

- Use sustainable landscaping on state properties
- II. Require sustainable landscaping for permit issuance
- III. Condition grant/contract receipt upon use of sustainable landscape standards

→ WHAT STANDARDS DO WE USE?



# WHAT?

LANDSCAPE CATEGORY	SUB-CATEGORIES
Water	
Water Use	Irrigation Fixtures, Irrigation Controllers, Water Features
Water Sources	Rainwater, Recycled, Graywater, Potable
Water Quality	On-site Retention/Filtration
Plants	
Plant Selection	High Water Use, Climate Appropriate & Native, Trees
Plant Placement	Hydrozones
Plant Coverage	% Coverage
Land	
Soil	Compost, Mulch (organic), Pesticide/Herbicide
Hardscapes	Weed Barriers, Pavers/Spacing, Rocks/Gravel, Synthetic Turf
Land-Design Components	Topography (bioswales, creekbeds, etc.)
Old Landscape Removal Method	
Turfgrass Removal Method	Strategy

### WHY?

#### The Multiple Benefits of Sustainable Landscaping...

- Save Money
- Save Maintenance Time
- Save Water
- Save Energy
- Reduce Emissions
- Reduce Irrigation & Stormwater Runoff
- Reduce Green Waste
- Reduce Pesticides & Herbicides
- Improve Water Quality
- Improve Wildlife Habitat
- Foster Healthy Soils
- Proliferate Native/Climate Appropriate Plants
- Beautify the Urban Environment



## $HOW \rightarrow WHO?$

- I. State Landscape Workforce (Internal)
- II. Contracted Landscape Workforce (External)

WHAT WORKFORCE TRAINING/QUALIFICATION DO WE REQUIRE?



# WHO?

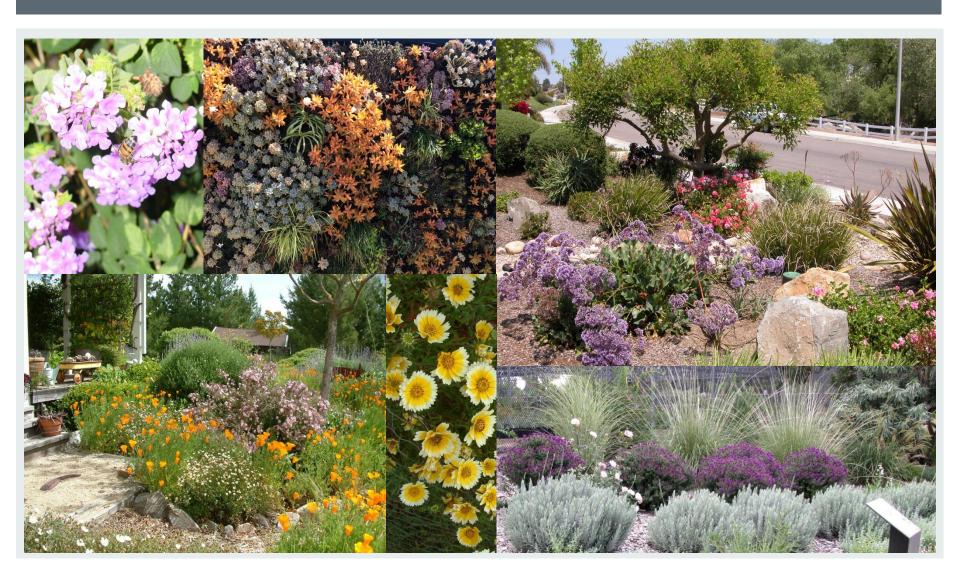
LANDSCAPE WORKFORCE CATEGORY	LANDSCAPE TASK CATEGORY	
Landscape Design		
Landscape Designers	Plants	
Landscape Architects (licensed)/Engineers	Grading, Hardscapes, Irrigation, Water Supply, Plants	
Irrigation Professionals	Irrigation Design	
Landscape Installation		
Landscape Contractors	Grading, Soil Preparation, Hardscapes, Irrigation, Water Supply, Plants	
Irrigation Professionals	Irrigation Installation, Irrigation Audits	
Landscape Maintenance/Management		
Landscape Contractors / Maintenance Professionals	Horticulture, Routine Maintenance	
Irrigation Professionals	Irrigation Management, Irrigation Audits,	
Cross-Sector Communication		
All Workforce Members & Managers	Design → Installation, Design/Installation → Maintenance	

### **NEXT?**

# HOW do we REFINE and IMPLEMENT State Agency LANDSCAPE STANDARDS and WORKFORCE QUALIFICATIONS???



# QUESTIONS?



## RESOURCES

 Performance-Based Irrigation Management Contract Template (Municipal Water District of Orange County)

http://www.mwdoc.com/cms2/ckfinder/files/files/Perf\_%20Based%20Irrig\_%20Mgmt\_%20Contract.pdf

Landscaping Programming, Education, and Licensing Requirements (CUWCC)

http://cuwcc.org/Portals/0/Document%20Library/Resources/Sustainable%20Landscapes/Education%20and%20Licensing/Landscaping%20Programming%20and%20Education%20Requirements.pdf?timestamp=1435794804709